

Pentax Optio 555



A successor to the popular Optio550, the Optio555 offers exceptionally compact and lightweight design that is ideal for use anywhere. PENTAX maximized the responsiveness of the Optio555 including reduced lag time so the camera is instantly ready when the power is turned on. In addition, a single touch of the playback button brings up recorded images and just a touch of the shutter button is all that is required to return to shooting. With enhanced operation capability and maximized responsiveness, the Optio555 allows satisfying shots to be taken with extreme ease. Add a powerful 5X optical zoom (4X digital zoom for a combined 20X total zoom), and the superb clarity of 5.0 effective megapixels, the Optio555 offers extreme versatility with superb detail and accuracy. The Optio555 also features PictBridge compatibility that eliminates the need for PC connectivity during printing by allowing the camera to be connected directly to a compatible printer. This feature allows direct control over printing and a full range of other functions.

www.dooyoo.co.uk :: Photography :: Digital Camera :: Pentax Optio 555

General	
Product Type	Digital camera
Width	10 cm
Depth	4 cm
Height	5.9 cm
Weight	0.2 kg
Body Material	Aluminium alloy

Main Features	
Resolution	5.0 Megapixel
Colour Support	Colour
Optical Sensor Type	CCD
Total Pixels	5,250,000 pixels
Effective Sensor Resolution	5,000,000 pixels
Optical Sensor Size	1/1.8"
Light Sensitivity	ISO 100, ISO 400, ISO 200, ISO 64
Digital Zoom	4 x
Shooting Modes	Frame movie mode
Shooting Programs	Autumn colour, landscape, portrait mode, text, sundown, fireworks, 3D image, panorama assist, flower, night
Special Effects	Soft, Black & White, Sepia, yellow, purple, blue, green, pink, red
Max Shutter Speed	1/2000 sec
Min Shutter Speed	15 sec
Exposure Metering	Multi-segment, centre-weighted, spot
Exposure Modes	Programme, automatic, manual, aperture-priority, shutter-priority
Exposure Compensation	±2 EV range, in 1/3 EV steps
White Balance	Custom, automatic, presets
White Balance Presets	Tungsten light, daylight, shade, fluorescent light (cool white), fluorescent light (daylight), fluorescent light (warm white)
Digital Video Format	QuickTime
Still Image Format	JPEG, TIFF
Remote Control	Optional
Video Capture	QuickTime - 320 x 240 - 15 fps

Memory / Storage	
Supported Flash Memory	MultiMediaCard, SD Memory Card
Image Storage	Super-fine JPEG 2592 x 1944 : 4 - with 16MB card Fine JPEG 2592 x 1944 : 8 - with 16MB card Normal JPEG 2592 x 1944 : 14 - with 16MB card Super-fine JPEG 2048 x 1536 : 7 - with 16MB card Fine JPEG 2048 x 1536 : 12 - with 16MB card Normal JPEG 2048 x 1536 : 18 - with 16MB card Super-fine JPEG 1600 x 1200 : 11 - with 16MB card

! Fine JPEG 1600 x 1200 : 20 - with 16MB card ! Normal JPEG 1600 x 1200 : 27 - with 16MB card ! Super-fine JPEG 1024 x 768 : 25 - with 16MB card ! Fine JPEG 1024 x 768 : 45 - with 16MB card ! Normal JPEG 1024 x 768 : 56 - with 16MB card ! Super-fine JPEG 640 x 480 : 53 - with 16MB card ! Fine JPEG 640 x 480 : 82 - with 16MB card ! Normal JPEG 640 x 480 : 100 - with 16MB card

Camera Flash

Camera Flash	Built-in flash
Flash Modes	Fill-in mode, auto mode, flash OFF mode, red-eye reduction
Red Eye Reduction	Built-in
Effective Flash Range	0.15 m - 5.2 m

Lens System

Type	Zoom lens - 7.8 mm - 39 mm - f/2.8-4.6
Focal Length	7.8 mm - 39 mm
Focal Length Equivalent to 35mm Camera	37.5 - 187.5mm
Focus Adjustment	Automatic, manual
Auto Focus	TTL contrast detection
Auto Focus Points (Zones)	5
Min Focus Range	60 cm
Macro Focus Range	2-65cm
Lens Aperture	F/2.8-4.6
Optical Zoom	5 x
Zoom Adjustment	Motorised drive
Lens Construction	7 group(s) / 9 element(s)
Features	Built-in lens shield, aspherical lens

Additional Features

Self Timer	Yes
Self Timer Delay	10 sec
Additional Features	Audio recording, RGB primary colour filter, auto power save, date/time stamp, DPOF support, PRINT Image

Viewfinder

Viewfinder Type	Optical - real-image zoom
Dioptric Correction Range	-3 to +1
Viewfinder Frames	Autofocus frame
LED Information	Flash ready, autofocus ready

Display

Type	LCD display - TFT active matrix - 1.5" - colour
Display Form Factor	Built-in
Display Format	110,000 pixels

Microphone

Type	Microphone - built-in
Microphone Technology	Electret condenser
Microphone Operation Mode	Mono

Connections

Connector Type	1 x USB 1 x composite video/audio output 1 x DC power input
Expansion Slot(s)	1 x SD Memory Card

Software

Software	Drivers & Utilities, ACD Systems ACDsee, ACD Systems Photostitcher Plug-in, ACD Systems FotoSlate
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Miscellaneous

Included Accessories	3D image viewer
Cables Included	A/V cable USB cable

Power

Power Device	Battery charger - external
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Battery

Supported Battery Details	1 x Li-ion rechargeable battery (included)
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C